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CURRENT STATUS OF ALL CLAIMS

Claims 1 to 18. Cancelled.

19. (Amended) A method of identifying an effective agent that alters the association of CAP-1 with a second polypeptide molecule, comprising the steps of:

a. contacting CAP-1 with the second polypeptide, wherein said second polypeptide is CD40 or a polypeptide containing a TRAF domain, molecule under suitable conditions, which allow said CAP-1 and said second molecule to bind with and an agent suspected of being able to alter the association of said CAP-1 with said ~~second molecule~~ polypeptide, under conditions suitable to allow association of said CAP-1 with said polypeptide; and

b. detecting the altered association of said CAP-1 with said second polypeptide molecule, wherein said altered association identifies an effective agent.

Claims 20 to 33. Cancelled.

34. (Amended) A method for identifying an effective agent that alters the association of CAP-1 with a second polypeptide molecule in a test sample, comprising the steps of:

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a. contacting the test sample with an agent suspected of being able to alter the association of CAP-1 with the second ~~molecule~~ polypeptide, wherein said second polypeptide is CD40 or a polypeptide containing a TRAF domain; and

b. detecting the altered association of said CAP-1 with said second polypeptide molecule, wherein said altered association identifies an effective agent.

Claims 35 to 59. Cancelled.

60. (New) The method of claim 19, wherein said CAP-1 comprises amino acids 384 to 540 of the amino acid sequence referenced as SEQ ID NO:2.

61. (New) The method of claim 19, wherein said CAP-1 comprises amino acids 53 to 91 of the amino acid sequence referenced as SEQ ID NO:2.

62. (New) The method of claim 19, wherein said CAP-1 comprises the amino acid sequence referenced as SEQ ID NO:2.

63. (New) A method of identifying an effective agent that alters the association of CAP-1 with CD40, comprising the steps of:

a. contacting CAP-1 with an agent suspected of being able to alter the association of said CAP-1 with said CD40, under conditions suitable to allow association of said CAP-1 with said CD40, and

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b. detecting the altered association of said CAP-1 with said CD40, wherein said altered association identifies an effective agent.

64. (New) The method of claim 63, wherein said CAP-1 comprises amino acids 53 to 91 of the amino acid sequence referenced as SEQ ID NO:2.

65. (New) The method of claim 63, wherein said CAP-1 comprises amino acids 384 to 540 of the amino acid sequence referenced as SEQ ID NO:2.

66. (New) The method of claim 63, wherein said CAP-1 comprises the amino acid sequence referenced as SEQ ID NO:2.

67. (New) A method for identifying an effective agent that alters the association of CAP-1 with CD40 in a test sample, comprising the steps of:

a. contacting the test sample with an agent suspected of being able to alter the association of CAP-1 with CD40; and

b. detecting the altered association of said CAP-1 with said CD40, wherein said altered association identifies an effective agent.

68. (New) The method of claim 67, wherein said CAP-1 comprises amino acids 384 to 540 of the amino acid sequence referenced as SEQ ID NO:2.

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69. (New) The method of claim 68, wherein said CAP-1 further comprises amino acids 53 to 91 of the amino acid sequence referenced as SEQ ID NO:2.

70. (New) The method of claim 67, wherein said CAP-1 comprises the amino acid sequence referenced as SEQ ID NO:2.

71. (New) A method of identifying an effective agent that alters the homodimerization of CAP-1, comprising the steps of:

a. contacting a CAP-1 homodimer with an agent suspected of being able to alter CAP-1 homodimerization under conditions suitable to allow CAP-1 homodimerization, and

b. detecting altered CAP-1 homodimerization, wherein said altered homodimerization identifies an effective agent.

72. (New) The method of claim 71, wherein said CAP-1 comprises amino acids 384 to 540 of the amino acid sequence referenced as SEQ ID NO:2.

73. (New) The method of claim 72, wherein said CAP-1 further comprises amino acids 53 to 91 of the amino acid sequence referenced as SEQ ID NO:2.

74. (New) The method of claim 71, wherein said CAP-1 comprises the amino acid sequence referenced as SEQ ID NO:2.